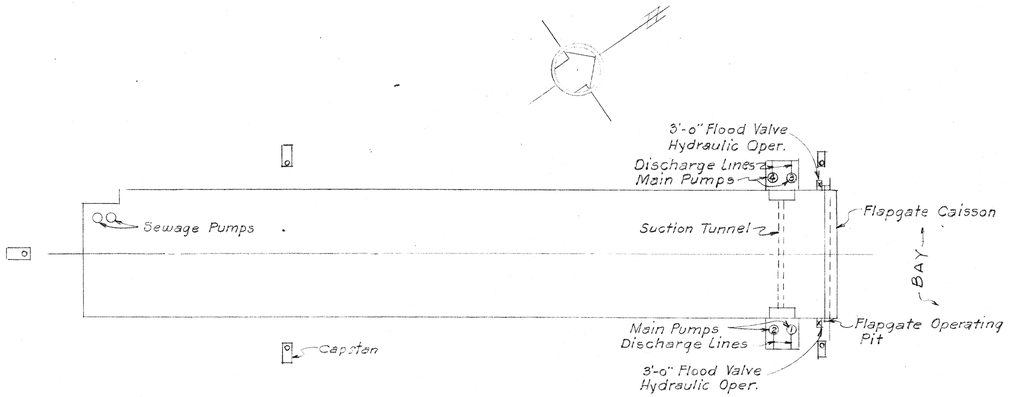

DRYDOCKS 5, 6 and 7

GENERAL HISTORY

Drydocks 5, 6 and 7 were built in 1943 - 1944 by the Navy. These docks are identical except in width. Drydock #6 is fifteen feet wider than the other two.

PUMPING EQUIPMENT AND OPERATION

Pumping equipment consists of 4 - 20,000 GPM, Fonoma, deep well type pumps for each dock. Each pump is driven by one 200 H.P., 2300 volt induction motor. The pumps are controlled from a portable push button station located aft on each side of the dock. Drydocks 5 and 7 can be unwatered in one hour with no ship in the dock using all pumps at full capacity. Drydock #6, due to its larger size, requires approximately an hour and twenty minutes to unwater.

The docks are flooded by means of two 3' hydraulically operated flooding valves located on the port and starboard sides aft. Flooding time for docks 5 and 7 is forty-five minutes while dock #6 requires one hour.

Sewage is pumped out by two - 5 H.P. sewage pumps.

CAISSON

The caissons are of the flap gate type and have no unwatering pumps or other equipment. Water is forced out by compressed air controlled from the side of the dock. Air is obtained from the yard supply system. The caisson on Docks 5 and 7 can be lowered in about ten minutes and brought back to the surface and seated in fifteen minutes. The caisson for Dock #6 requires fifteen minutes to lower and eighteen minutes to reseat. No more than fifteen feet of water should be left in these docks for any length of time as the caisson will not seat tightly and the dock will fill to tide level.

GENERAL DIMENSIONS

Length	420'	
Width at Coping	58'	(5 & 7)
	63'	(6)
Width of Entrance at Coping	60'	(5 & 7)
	75'	(6)
Depth over Keel at Mean High Water	22' - 6"	
Depth over Keel at Mean Low Water	16' - 6"	

SYMBOL	DESCRIPTION REVISIONS	DATE	APPROVAL

PWO DRAWING NO. 16020-157

DEPT. OF THE NAVY — NAVAL SHIPYARD

BUREAU OF YARDS & DOCKS — SAN FRANCISCO, CALIF.

DES
DRWN
TR.
CHK
SUPV.
DESIGN

DRYDOCK NOS. 5, 6 & 7
GENERAL

APPROVED
PUBLIC WORKS OFFICER
DATE

SATISFACTORY TO
DATE

SCALE
SPEC
SHEET ___ OF ___ SHTS.
Y & D DRAWING NO.
NO.